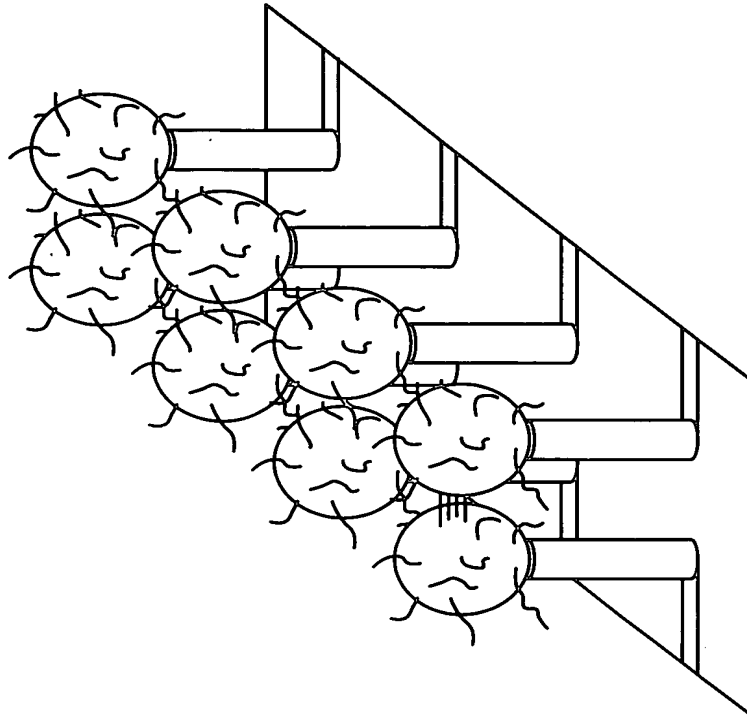


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Pathogenic genome fragment

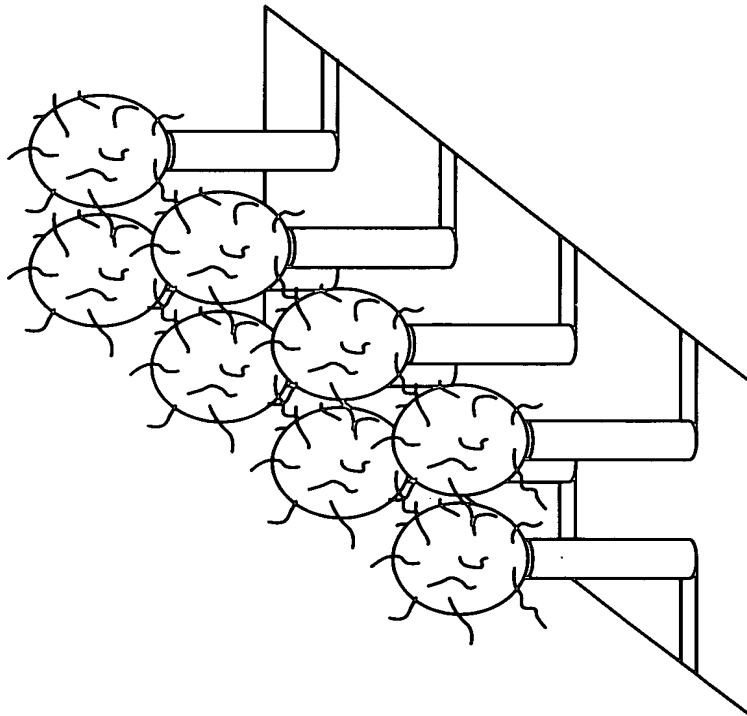
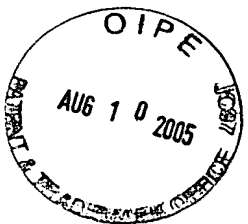


FIG. 1





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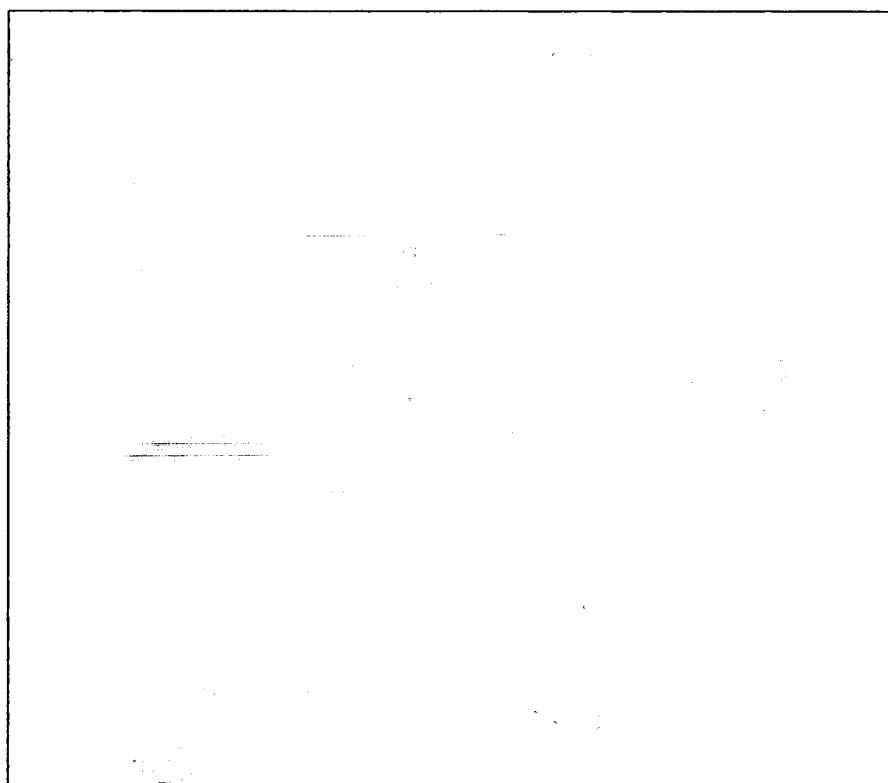


FIG. 2



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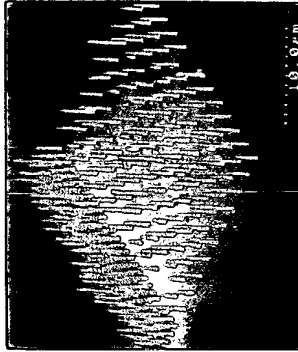


FIG. 3C

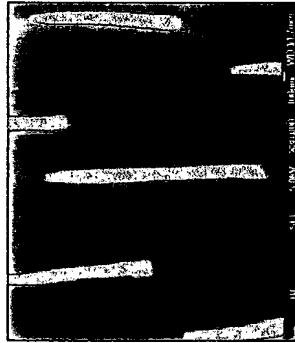


FIG. 3B

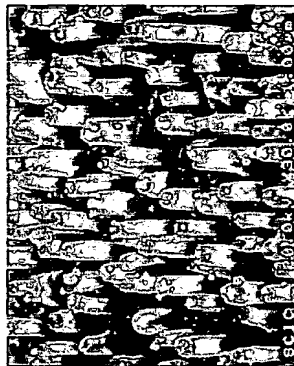


FIG. 3A

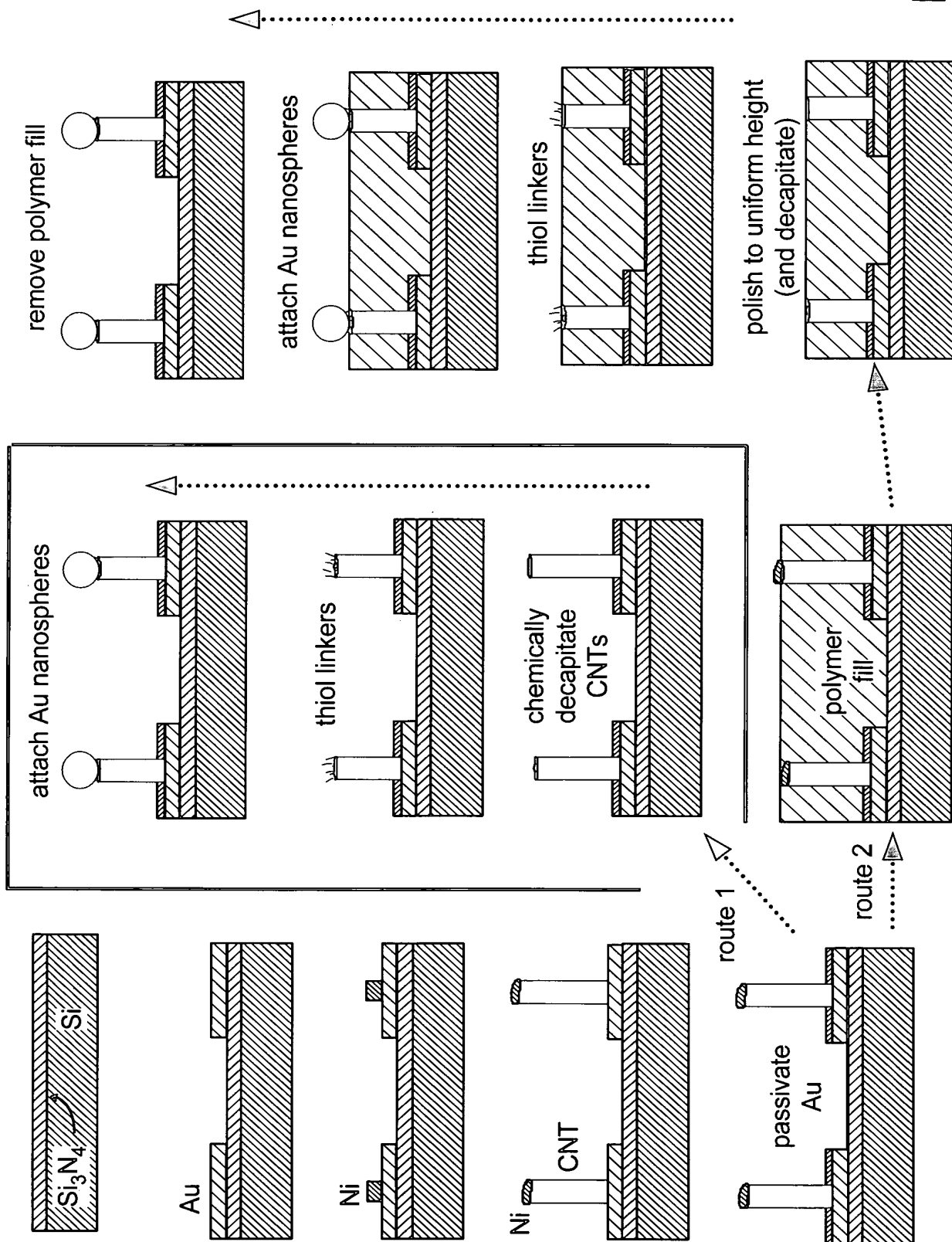


FIG. 4



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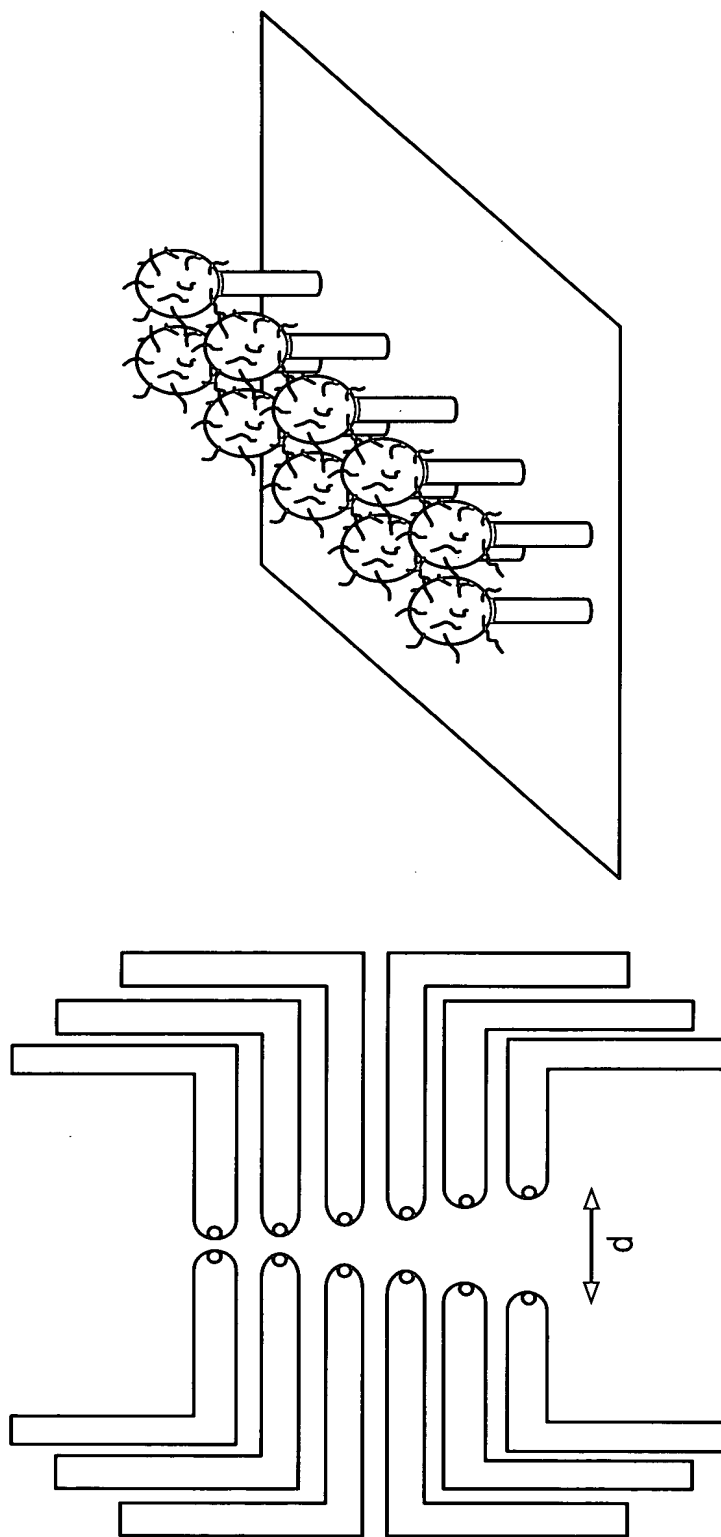


FIG. 5



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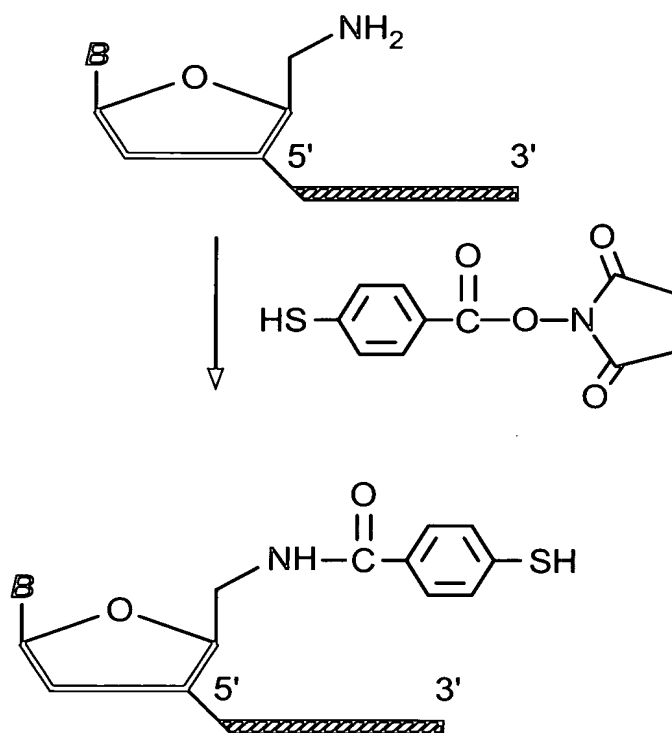
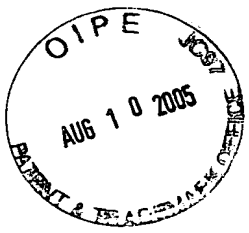


FIG. 6A



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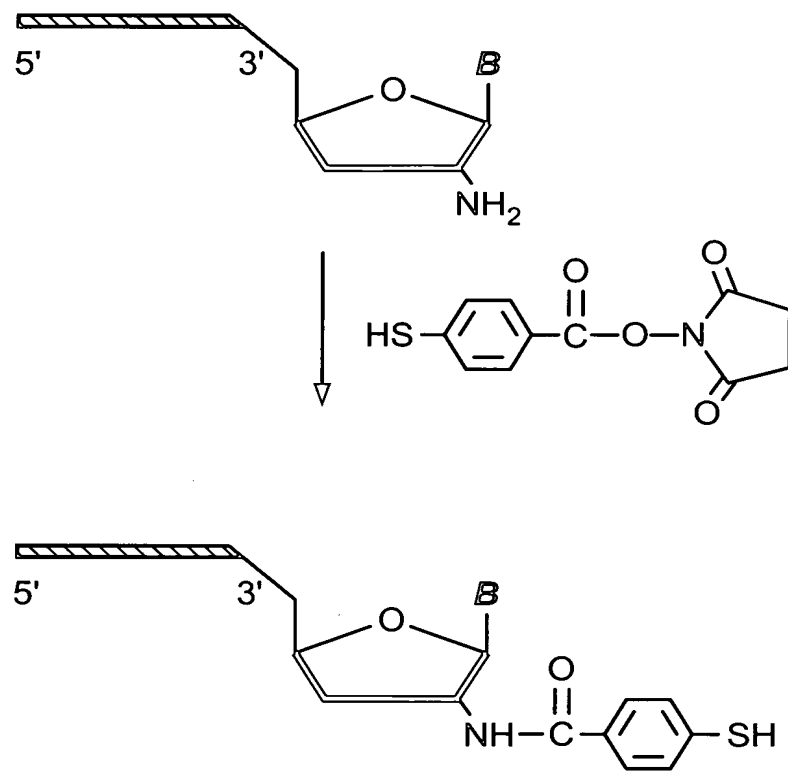
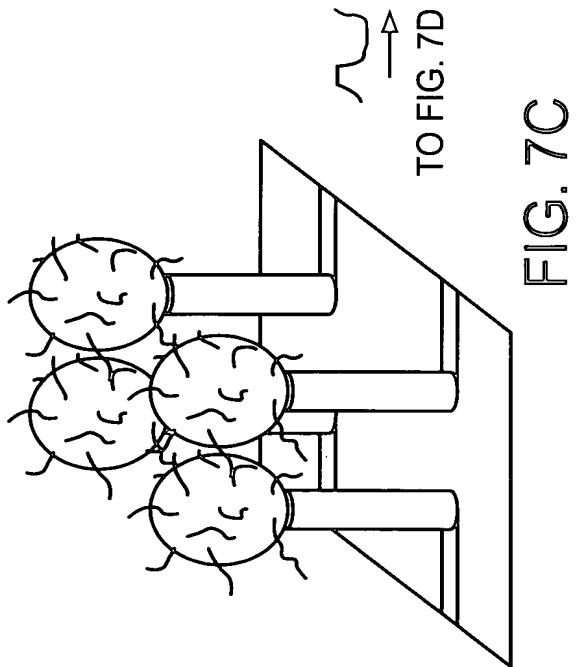
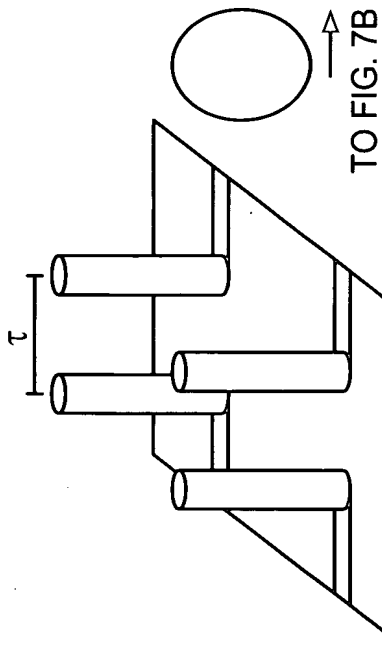
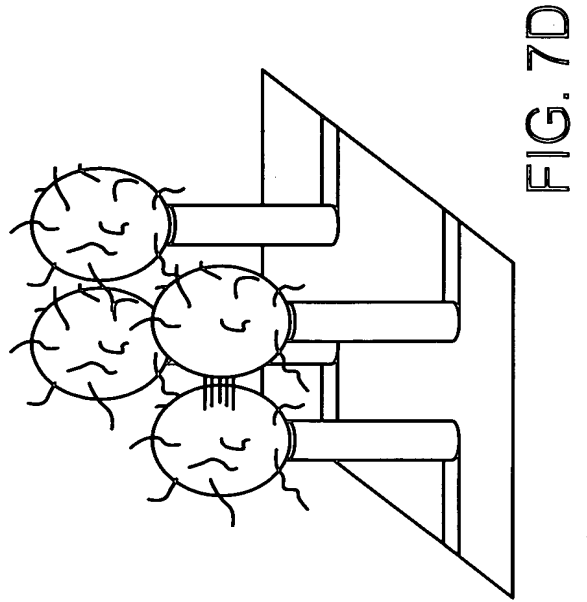
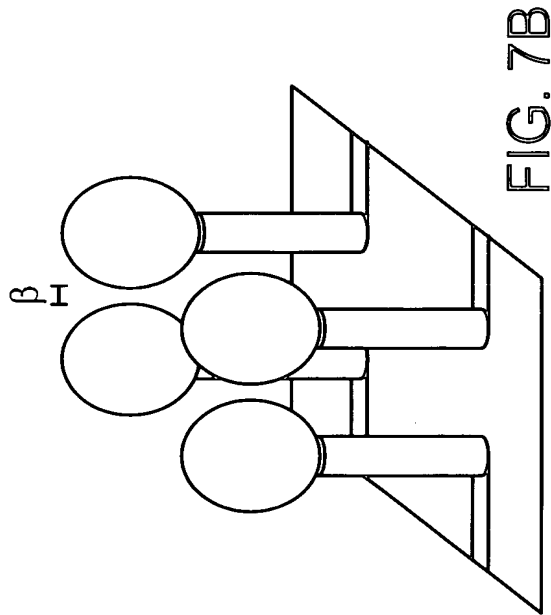


FIG. 6B





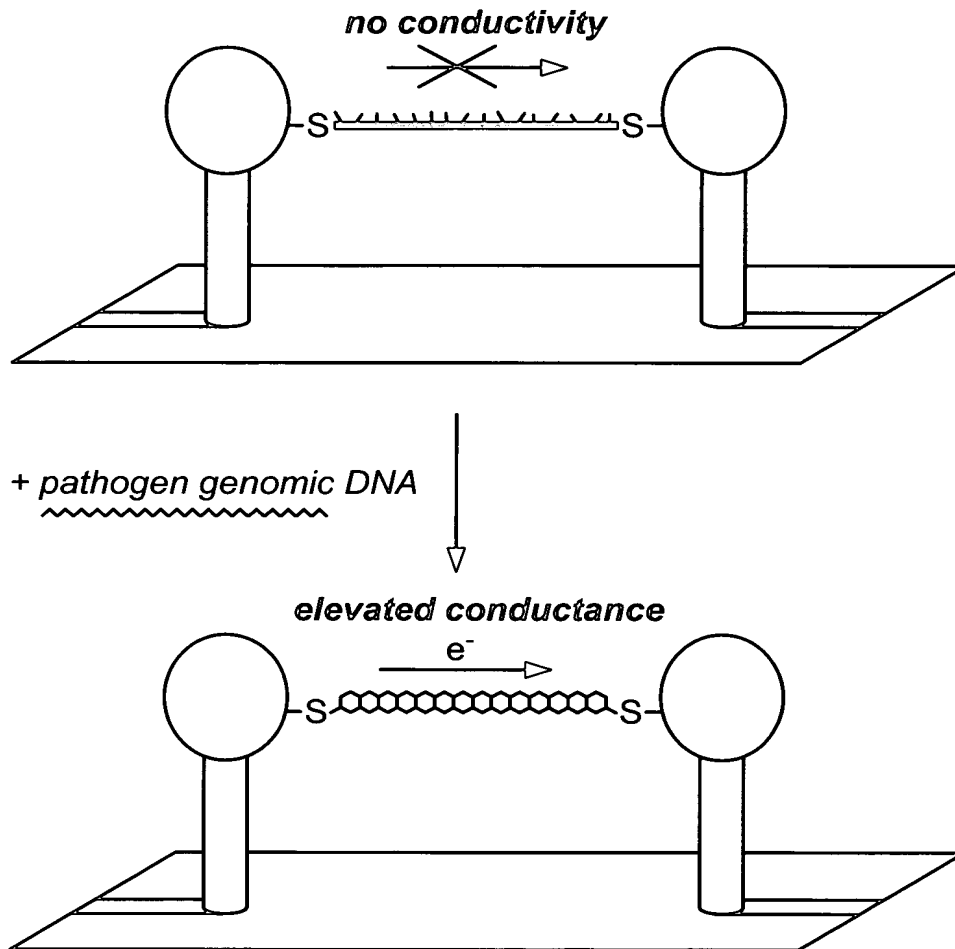
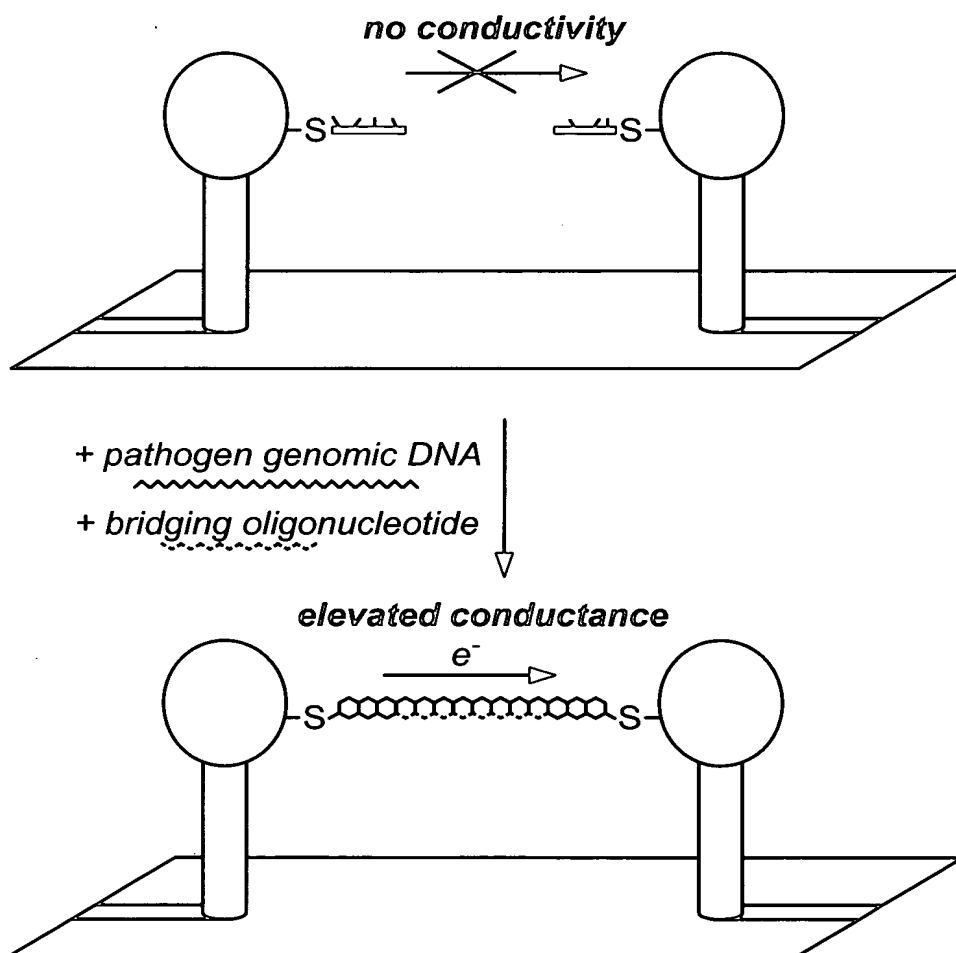


FIG. 8A



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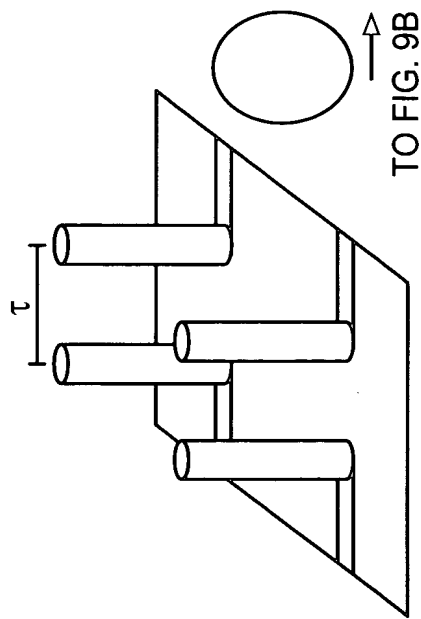


FIG. 9A

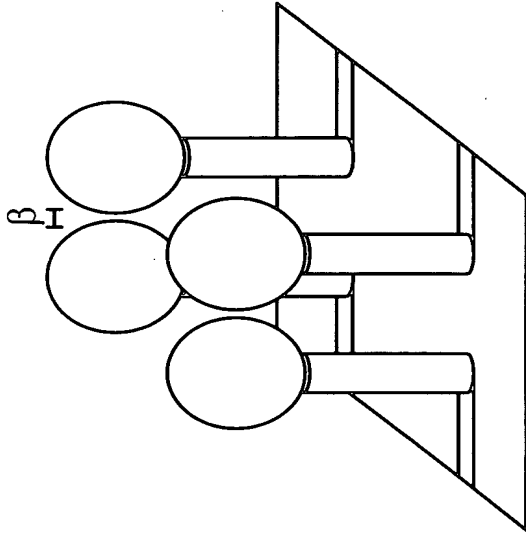


FIG. 9B

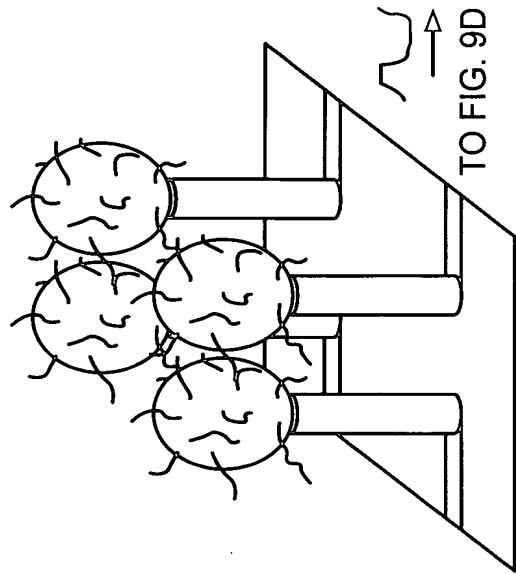


FIG. 9C

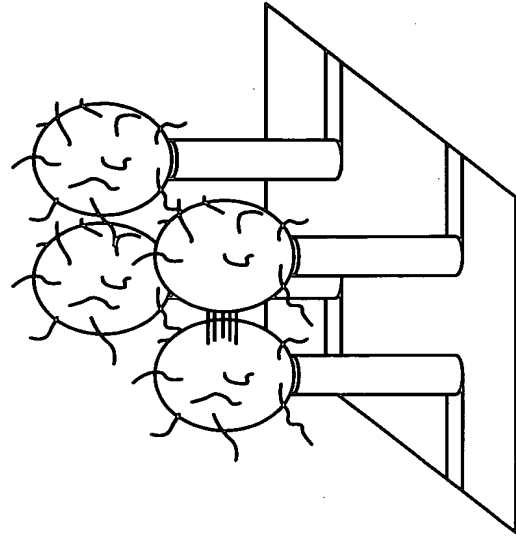
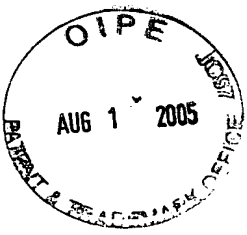


FIG. 9D

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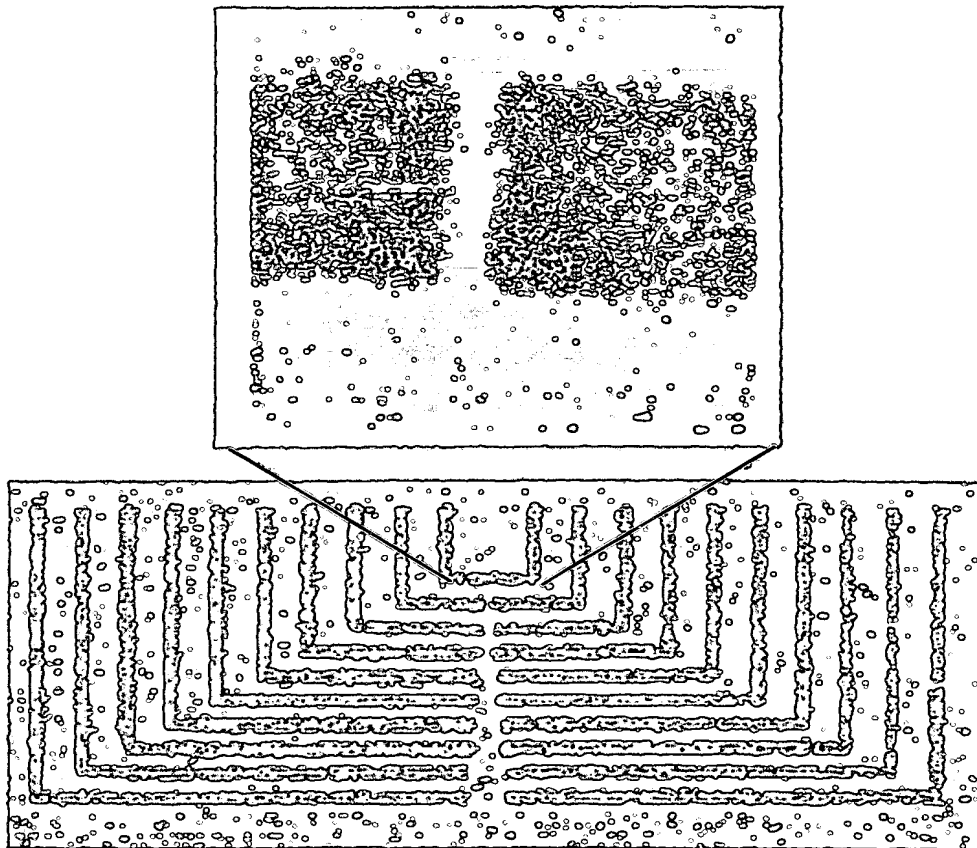
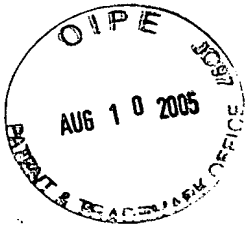


FIG. 10



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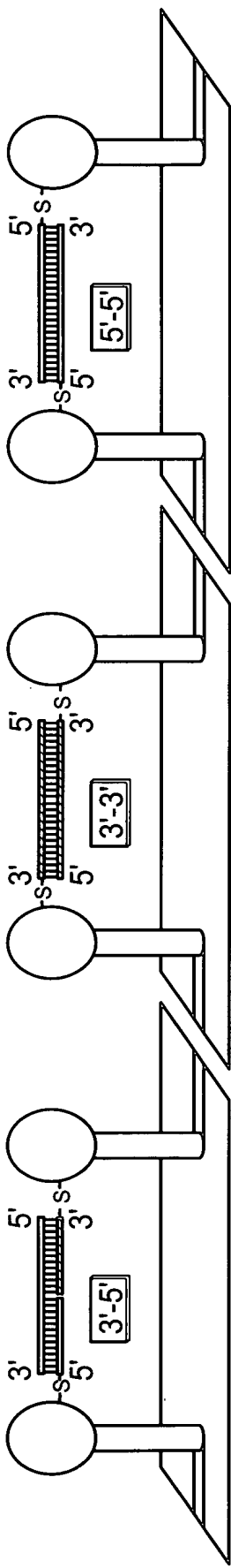
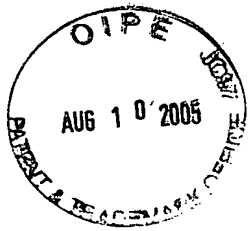


FIG. 11



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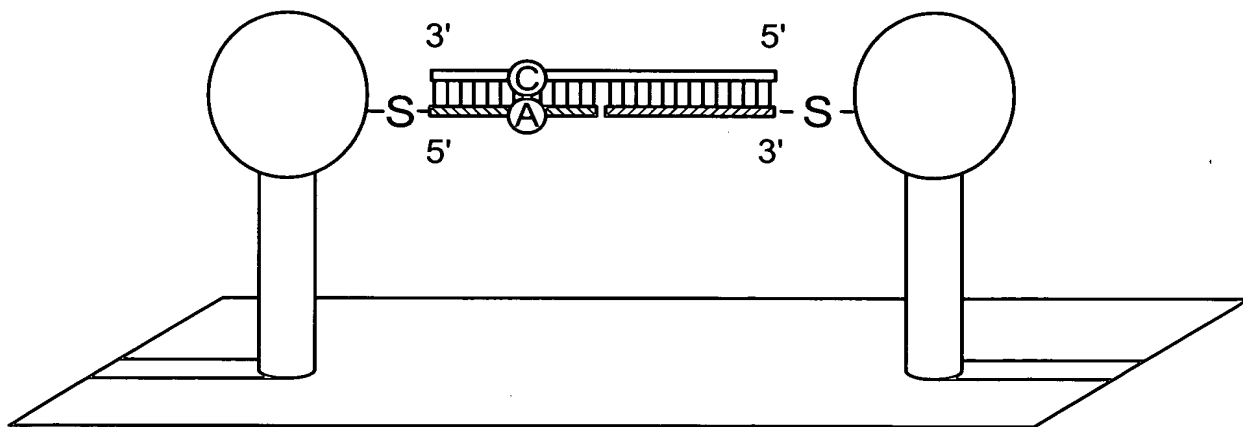
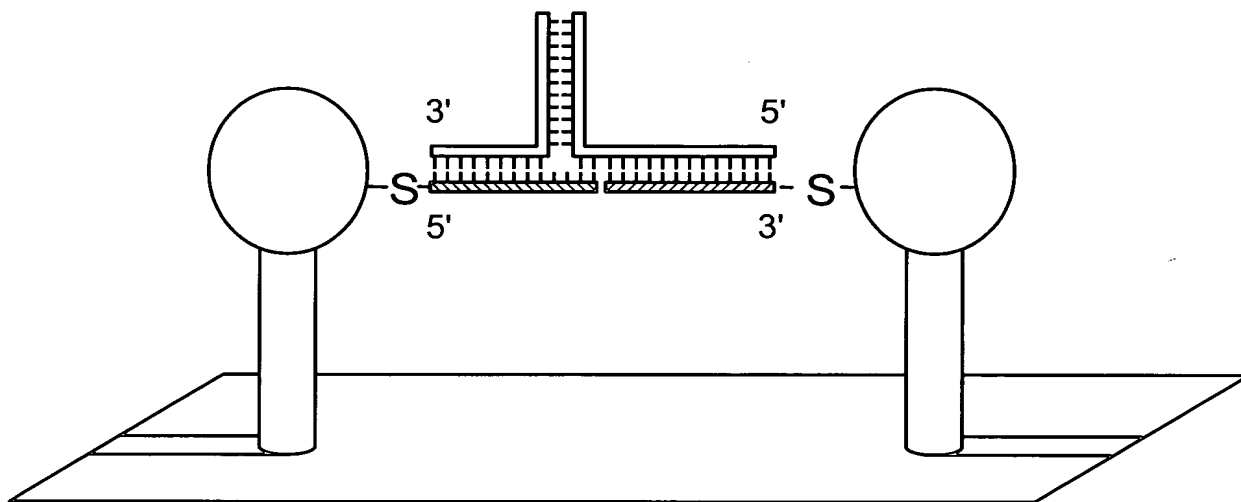
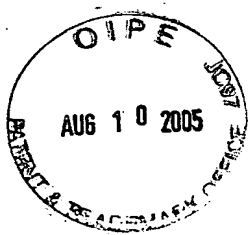


FIG. 12



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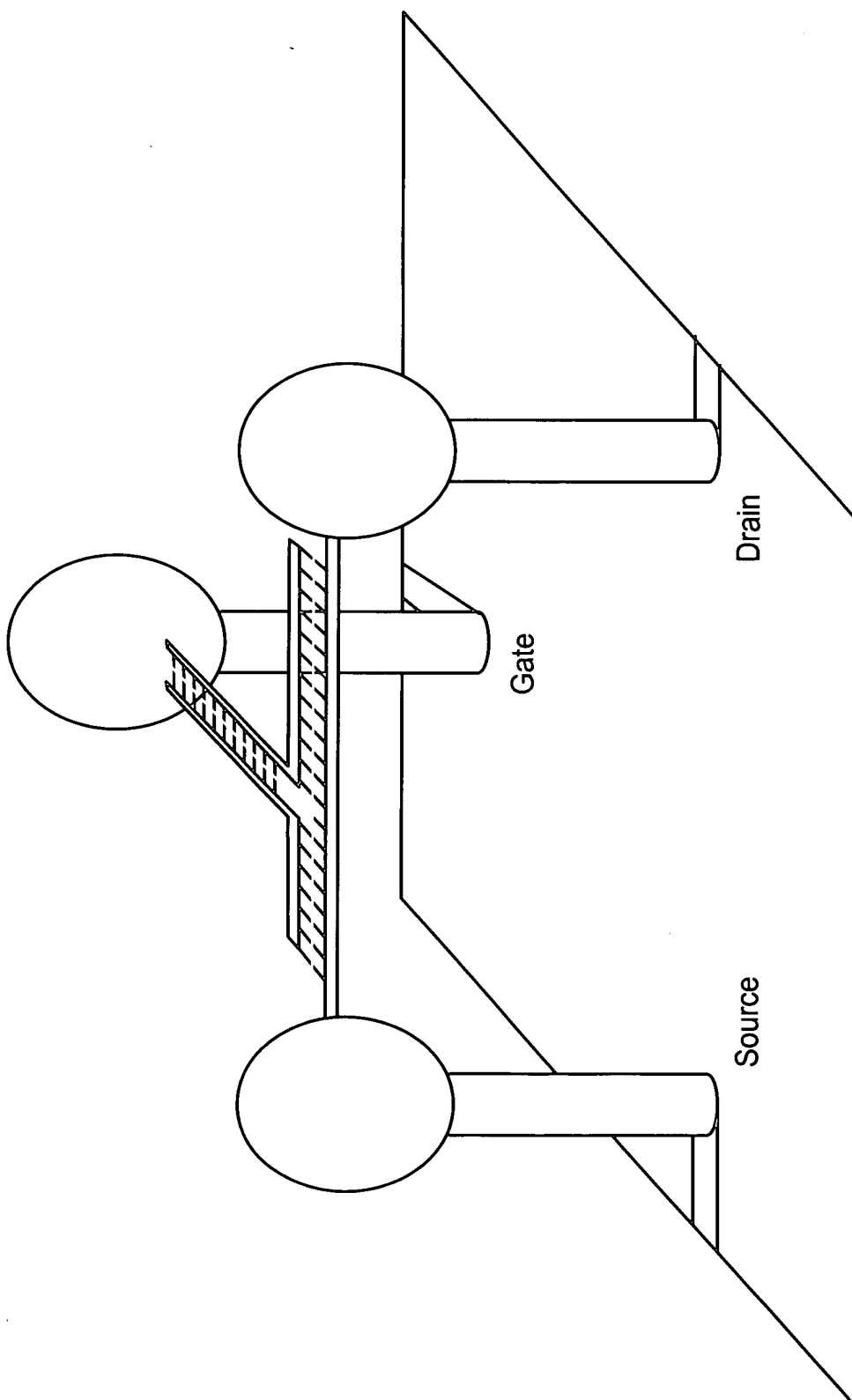


FIG. 13

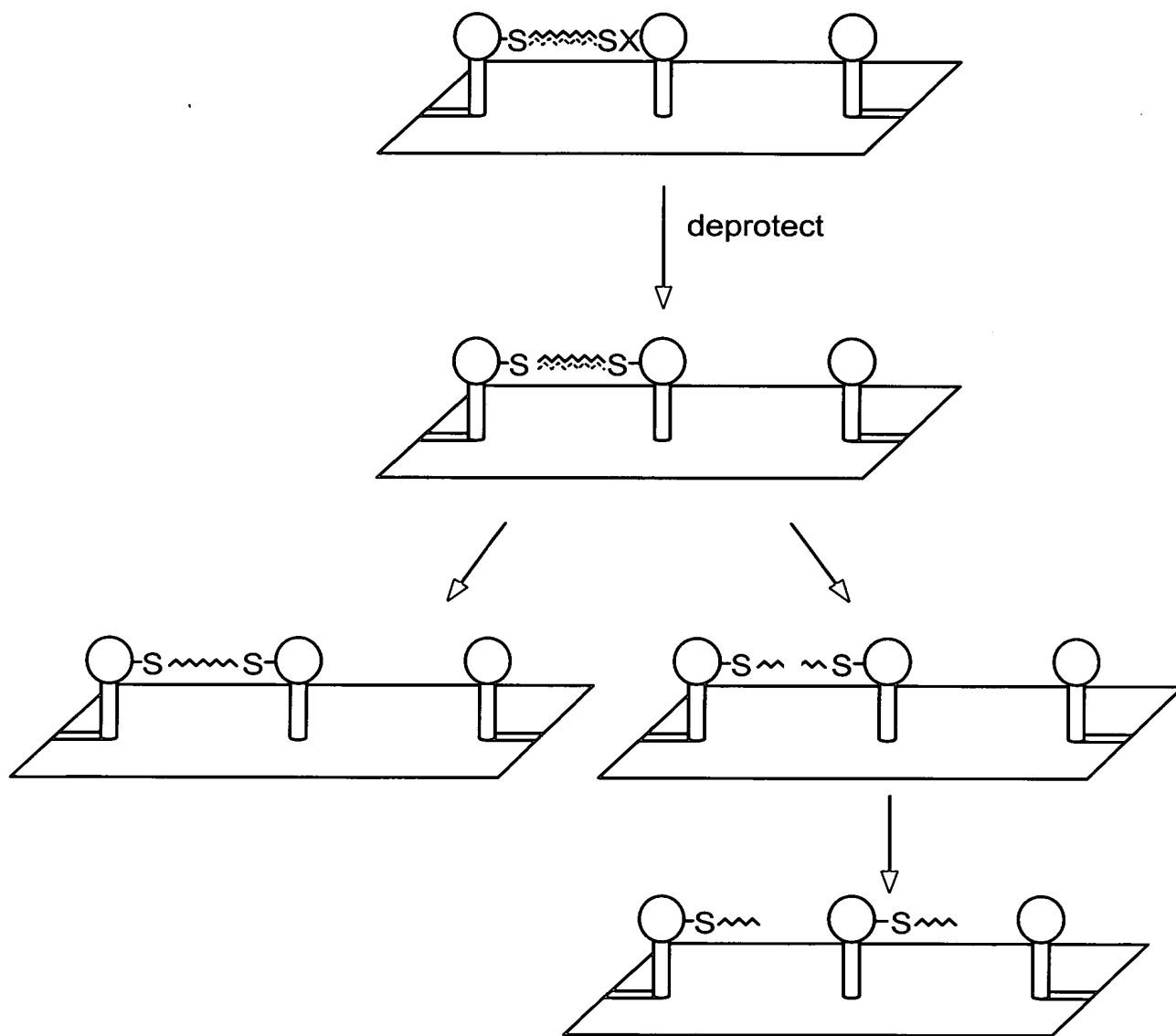
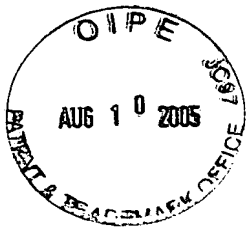


FIG. 14





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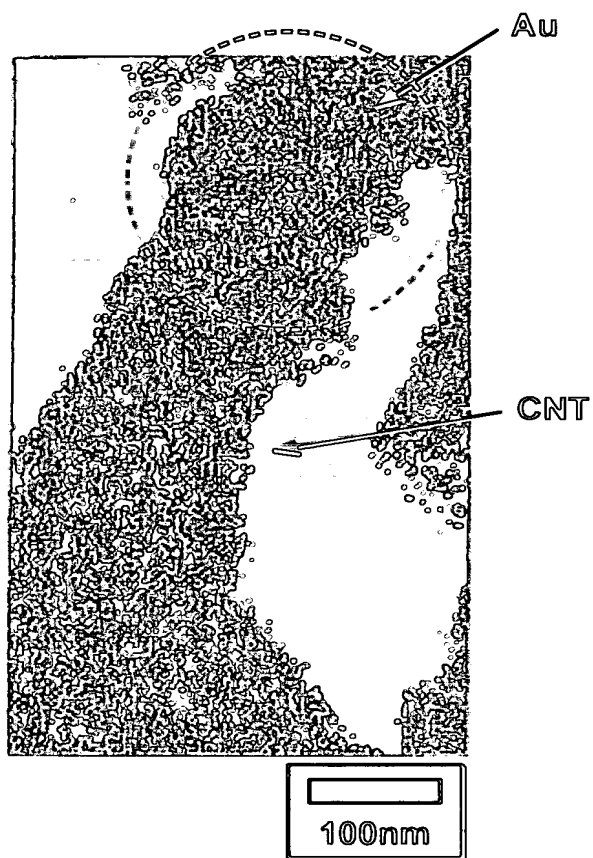
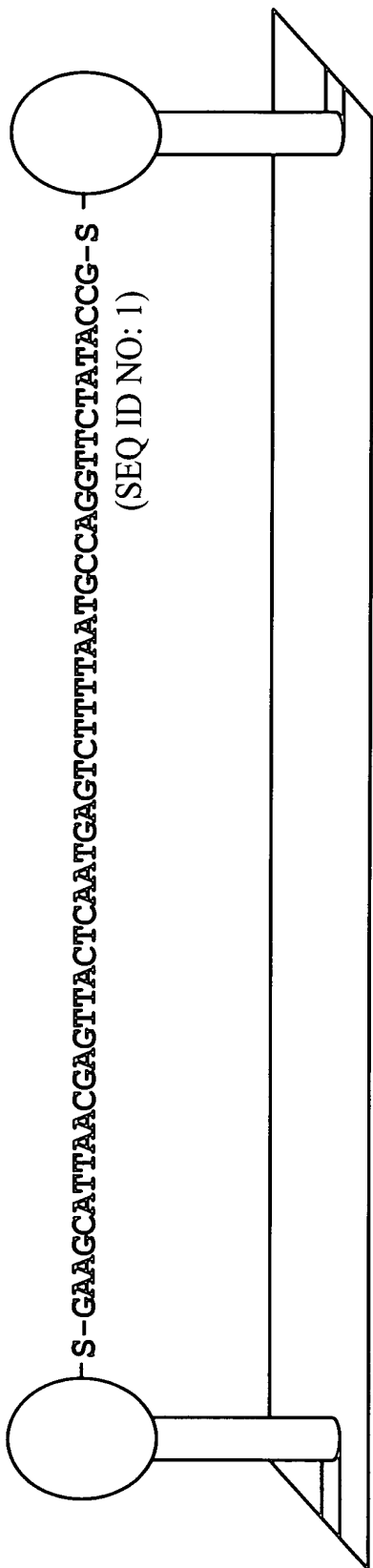
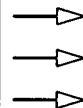
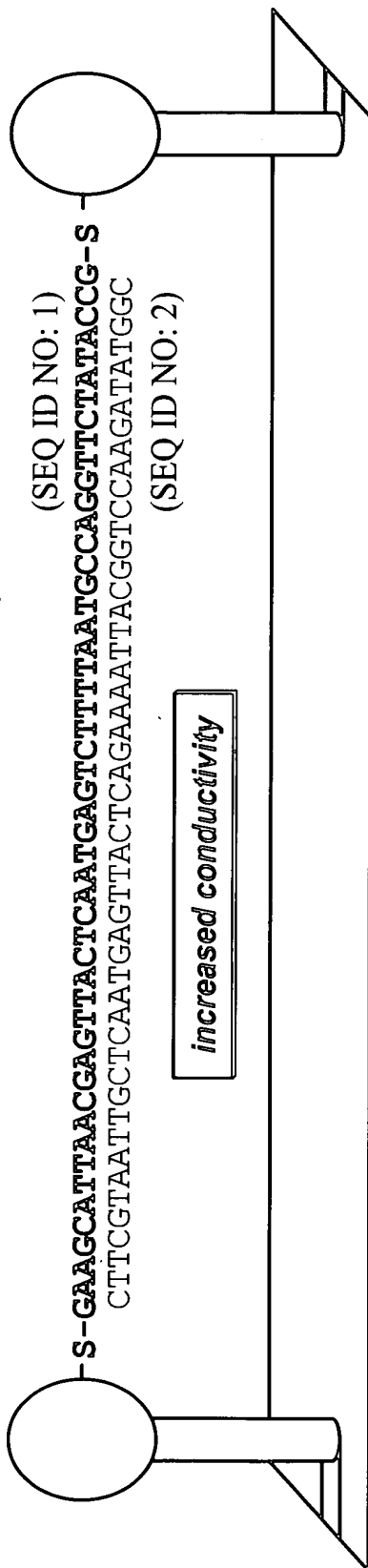


FIG. 15



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↓ 50 nucleotide anthrax  
 marker sequence



target sequence obtained from bacterial cultures

CTTGGTAATTGCTCAATGAGTTACTCAGAAAAATTACGGTCCAGATATGGC

(SEQ ID NO: 2)

sequence obtained from innocuous strains/species

FIG. 16